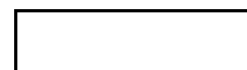


PHOTOGRAPHIC INTERPRETATION REPORT



AIRCRAFT
COMPONENTS PLANT 272
LENINGRAD, USSR

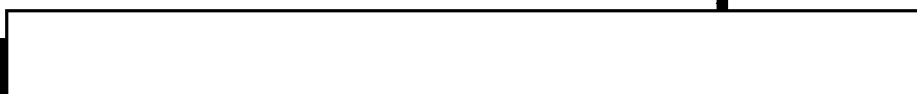


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MAY 1968

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AIRCRAFT COMPONENTS PLANT 272 LENINGRAD, USSR

SUMMARY/CONCLUSION

Photography indicates that relatively little construction has taken place at Aircraft Components Plant 272 in the past 24 years. It is probable that the apparent affiliation with and support of Airframe Plant 458 continues. However, on photography of generally poor interpretability, there appears to be little activity at Plant 272. The present function of the plant in the Soviet aircraft/rocket industry cannot be determined on the basis of currently available photography, but it is believed that it is involved in missile production, probably in conjunction with Plant 458.

INTRODUCTION

This report is a chronology of Aircraft Components Plant 272 [REDACTED] Leningrad, USSR, located at 59-59-35N 030-17-33E. The plant area, approximately 1,245 by 1,025 feet, is surrounded by a wall. It is bounded on the south by a primary city street and a branch of the Neva river, on the north and east by the Chernaya river, and on the west by the Naval Academy of Shipbuilding and Armaments (Figure 1).

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Transportation is limited to city streets, the Neva, and the Chernaya. One gate on the southern side of the plant provides access to a main

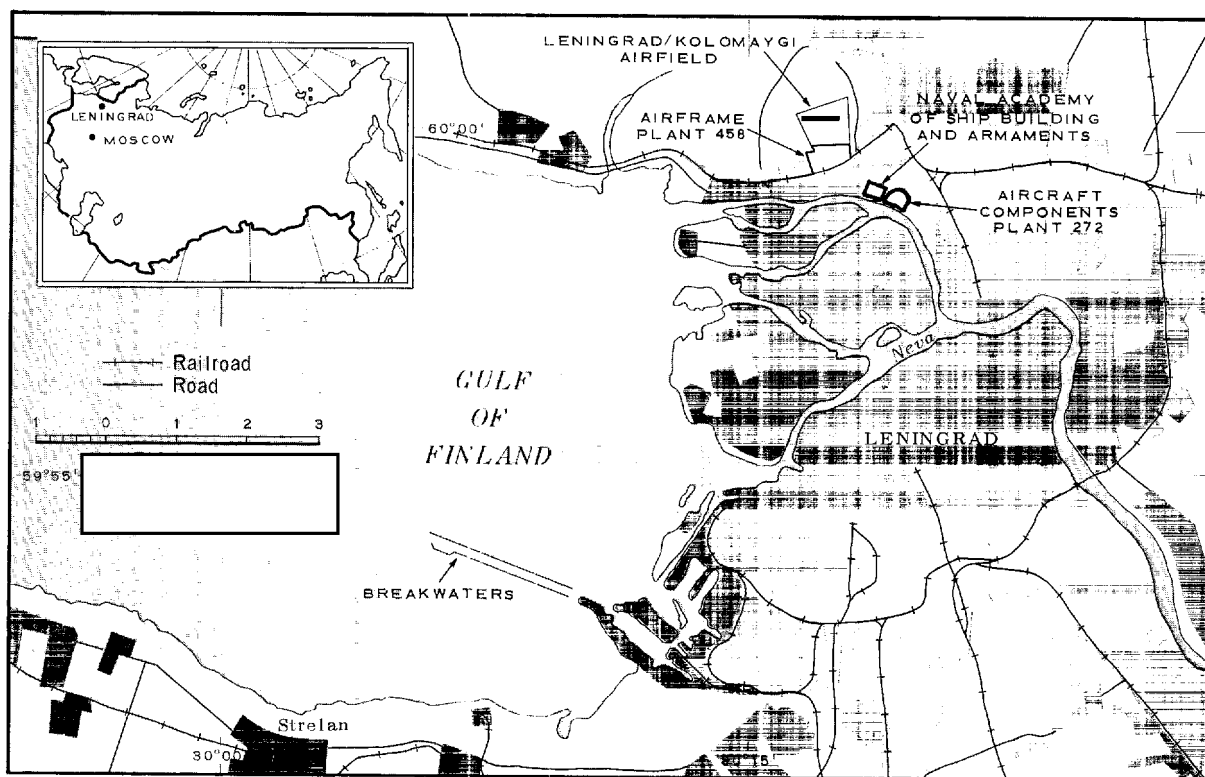


FIGURE 1. LOCATION MAP.

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FIGURE 2. AIRCRAFT COMPONENTS PLANT 272, LENINGRAD, USSR,

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Table 1. Descriptions and Chronology of Structures at Aircraft Components Plant 272, USSR
(Item numbers keyed to Figure 4).

Item	Function/Description	Comments
1	Admin bldg	4-story, hip roofed, L-shaped bldg Contents unidentified Bldg was H shaped in [] bay added to center of "H" during period [] [] bay added between [] High section centered on south side of roof Large monitor on roof of west bay Bldg L-shaped in [] south section dismantled [] Bldg had different configuration on [] photography; irregular shape Bldg L-shaped; bay on south end, [] Stack, estimated to be 100 ft high, at north end Connected to Item 23 by prob steamline Southern third of bldg has 12 vents on roof; 4 unidentified vehicles and 2 piles of poss molding sand piled outside south end of bldg [] bay on SW corner not included in width measurement; 1 large and 2 small monitors on roof Presence of a smaller bay noted when first observed on [] photography, evidently razed after that date to make room for construction of present larger bay Connected to section c by [] overhead covered passageway; [] ft bay on NW side first observed on [] photography; [] [] 2-story hip-roofed bldg; [] bay at north end added between []
2	Storage/support bldg	
3	Storage/support bldg	
4	Storage/support bldg	
5	Storage/support bldg	
6	Storage/support bldg	
7	Storage/support bldg	
8	Storage/support bldg	
9	Poss storage bin	
10	Storage/support bldg	
11	Storage/support bldg	
12	Prob machine shop	
13	Prob workshop	Bldg L-shaped in [] south section dismantled [] Bldg had different configuration on [] photography; irregular shape Bldg L-shaped; bay on south end, [] Stack, estimated to be 100 ft high, at north end Connected to Item 23 by prob steamline Southern third of bldg has 12 vents on roof; 4 unidentified vehicles and 2 piles of poss molding sand piled outside south end of bldg [] bay on SW corner not included in width measurement; 1 large and 2 small monitors on roof Presence of a smaller bay noted when first observed on [] photography, evidently razed after that date to make room for construction of present larger bay Connected to section c by [] overhead covered passageway; [] ft bay on NW side first observed on [] photography; [] [] 2-story hip-roofed bldg; [] bay at north end added between []
14	Prob machine shop	
15	Prob storage bldg	
16	Prob storage bldg	
17	Support bldg	
18	Prob guard quarters	
19	Shop/support bldg	
20	Prob workshop	
21	Boilerhouse	
22	Support bldg	
23	Prob assembly bldg	
24	Prob foundry	
25	Storage/support bldg	Bldg L-shaped in [] south section dismantled [] Bldg had different configuration on [] photography; irregular shape Bldg L-shaped; bay on south end, [] Stack, estimated to be 100 ft high, at north end Connected to Item 23 by prob steamline Southern third of bldg has 12 vents on roof; 4 unidentified vehicles and 2 piles of poss molding sand piled outside south end of bldg [] bay on SW corner not included in width measurement; 1 large and 2 small monitors on roof Presence of a smaller bay noted when first observed on [] photography, evidently razed after that date to make room for construction of present larger bay Connected to section c by [] overhead covered passageway; [] ft bay on NW side first observed on [] photography; [] [] 2-story hip-roofed bldg; [] bay at north end added between []
26	Storage bldg	
27	Prob fabrication/assembly bldg	
28	Poss fabrication bldg a	
	b	
	c	
29	Support bldg	
30	Storage bldg	
31	Support bldg	
32	a Prob motor pool	
	b Admin/laboratory bldg	

"Complete when first observed unless otherwise noted.

"Approximate dimension calculated by NPIC/PD; all other NPIC/PD measurements are accurate to [] percent, whichever is greater.

"Greatest overall dimension of an irregularly shaped building; height is to highest bay.

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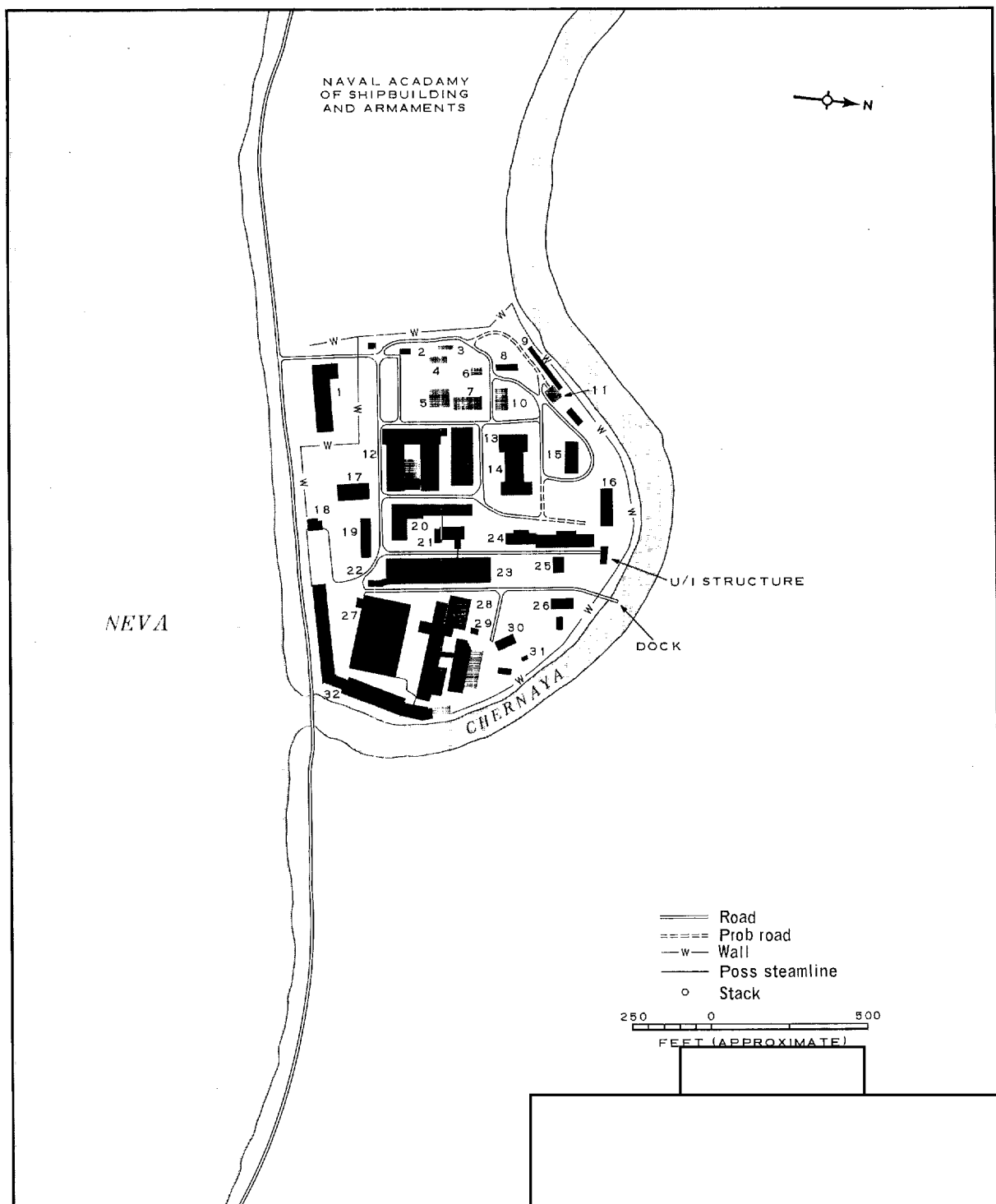


FIGURE 4. LAYOUT OF AIRCRAFT COMPONENTS PLANT 272.

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city street. A small dock is located on the Chernaia at the northeast corner of the plant area.

The production of CREEK aircraft and HORSE helicopters has been credited to the Leningrad Airframe Plant 458/272, which was the former BE designation for both facilities in previous reports. 1/ Plant 458 is probably involved with production of the SA-5 and the SA-2 missiles and there are indications that Plant 458 may have been involved with this missile production at least as early as [redacted]. Production may be a joint operation, with certain components produced in Plant 272 and assembly taking place in Plant 458. This assessment of the functions of the two plants is supported by their proximity (3,500 yards) and the larger total roof cover of Plant 458 (over four times that of Plant 272). 2/

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Available photography of Plant 272 includes [redacted] aerial photography of relatively good interpretability obtained in [redacted] (Figure 2), [redacted] [redacted] photography of poor interpretability, and [redacted] missions of good-to-marginal interpretability spanning a period from [redacted]. Figure 3 shows the plant on [redacted] photography.

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Detailed functional descriptions, dimensions, and roof cover of all itemized structures at Plant 272 are presented in Table 1 and Figure 4. Total roof cover added during each of the time periods color coded in Figure 4 is as follows: [redacted]

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HIGHLIGHTS OF CHRONOLOGY

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Changes in the general building configurations since [redacted] appear to have been minor (Figures 2 and 3). However, photographic evidence of the construction of several support

buildings in the eastern area between [redacted] supported by testimony of German prisoners of war, 3/ implies that most of the reconstruction of war damaged sections of the plant, plus probable internal equipment replacement and refurbishment, took place between [redacted]. During the [redacted] period, a section was added to a probable machine shop (Item 12) and an addition was made to the northern end of an administration/laboratory building (Item 32b).

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A large administration building was constructed in the southwestern part of the plant (Item 1). Apparently this building was constructed in [redacted] who visited Leningrad in [redacted] reported construction work on an office-type light-colored stone building in the southwest corner of the plant area. 4/ The location of this building makes it difficult to determine if it is associated with Plant 272 or with the adjacent Naval Academy of Shipbuilding and Armaments. The building is probably a functional part of Plant 272 since the area on which it stands was within the security wall and included an assembly-type building and at least two support buildings when it was observed on [redacted] photography. The latter three buildings apparently were subsequently razed to make room for construction of the administration building, and the wall was relocated.

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A bay on the northwest corner of a possible fabrication building (Item 28a) was razed and a larger bay was erected. In addition, a probable guard quarters building (Item 18) was evidently reconstructed, because the roof configuration appears to have been changed by [redacted]

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Storage-type buildings (Items 25, 26, and 29-31) were constructed in an apparent scrap storage area, and an additional section was constructed on the east side of a probable workshop (Item 12).

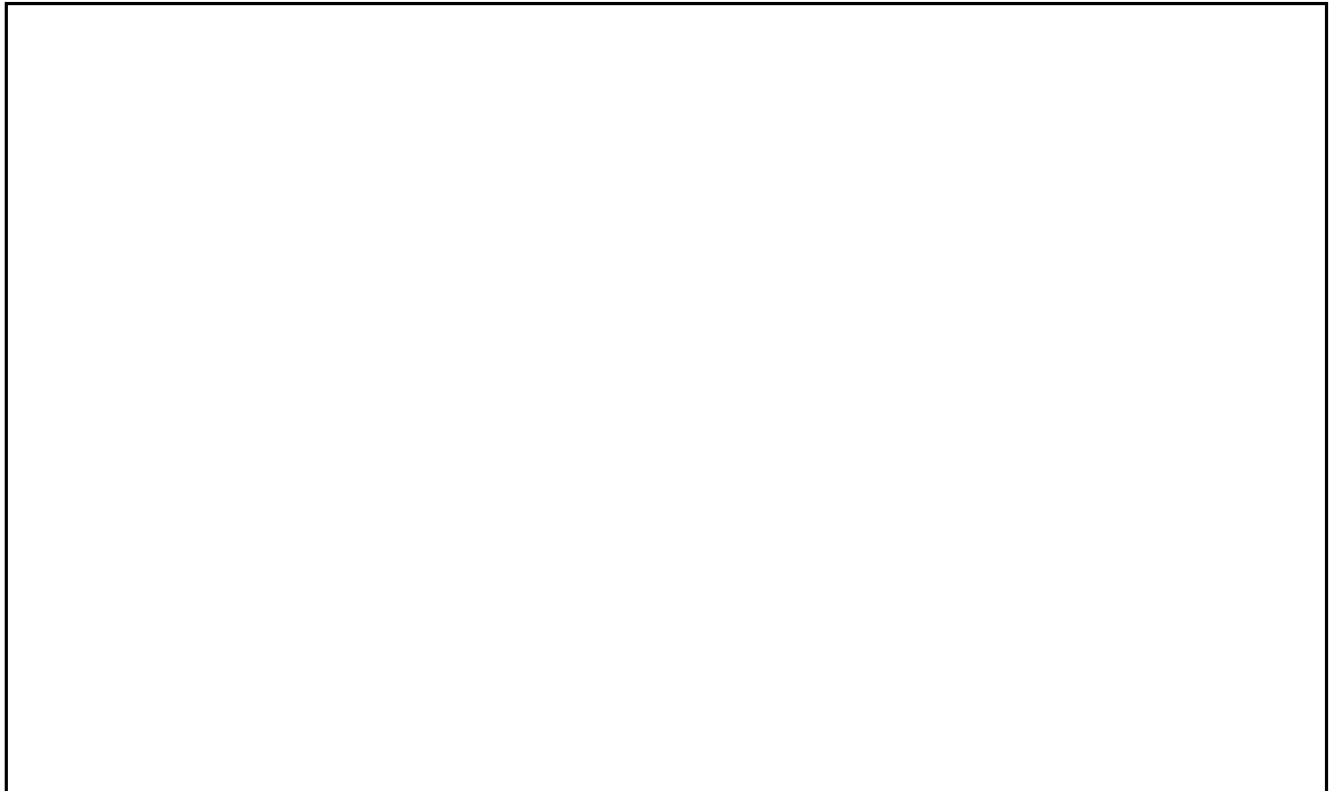
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REQUIREMENT

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NPIC PROJECT

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